

### Subpart L—United States Standards for Triticale

#### TERMS DEFINED

#### § 810.2001 Definition of triticale.

Grain that, before the removal of dockage, consists of 50 percent or more of triticale (*X Triticosecale* Wittmack) and not more than 10 percent of other grains for which standards have been established under the United States Grain Standards Act and that, after the removal of dockage, contains 50 percent or more of whole triticale.

#### § 810.2002 Definition of other terms.

(a) *Damaged kernels*. Kernels, pieces of triticale kernels, and other grains that are badly ground-damaged, badly weather-damaged, diseased, frost-damaged, germ-damaged, heat-damaged, insect-bored, mold-damaged, sprout-damaged, or otherwise materially damaged.

(b) *Defects*. Damaged kernels, foreign material, and shrunken and broken kernels. The sum of these three factors may not exceed the limit for the factor defects for each numerical grade.

(c) *Dockage*. All matter other than triticale that can be removed from the original sample by use of an approved device according to procedures prescribed in FGIS instructions. Also, underdeveloped, shriveled, and small pieces of triticale kernels removed in properly separating the material other than triticale and that cannot be recovered by properly rescreening or recleaning.

(d) *Foreign material*. All matter other than triticale.

(e) *Heat-damaged kernels*. Kernels, pieces of triticale kernels, and other grains that are materially discolored and damaged by heat.

(f) *Other grains*. Barley, corn, cultivated buckwheat, einkorn, emmer, flaxseed, guar, hull-less barley, nongrain sorghum, oats, Polish wheat, popcorn, poulard wheat, rice, rye, safflower, sorghum, soybeans, spelt, sunflower seed, sweet corn, wheat, and wild oats.

(g) *Shrunken and broken kernels*. All matter that passes through a 0.064×3/8 oblong-hole sieve after sieving according to procedures prescribed in FGIS instructions.

(h) *Sieve*—0.064×3/8 oblong-hole sieve. A metal sieve 0.032 inch thick with oblong perforations 0.064 inch by 0.375 (3/8) inch.

[52 FR 24418, June 30, 1987; 52 FR 28534, July 31, 1987]

#### PRINCIPLES GOVERNING THE APPLICATION OF STANDARDS

#### § 810.2003 Basis of determination.

Each determination of heat-damaged kernels, damaged kernels, material other than wheat or rye, and foreign material (total) is made on the basis of the grain when free from dockage and shrunken and broken kernels. Other determinations not specifically provided for under the general provisions are made on the basis of the grain when free from dockage except the determination of odor is made on either the basis of the grain as a whole or the grain when free from dockage.

#### GRADES AND GRADE REQUIREMENTS

#### § 810.2004 Grades and grade requirements for triticale.

Grade	Minimum test weight per bushel (pounds)	Maximum limits of—					
		Damaged Kernels		Foreign material		Shrunken and broken kernels (percent)	Defects <sup>3</sup> (percent)
		Heat damaged (percent)	Total <sup>1</sup> (percent)	Material other than wheat or rye (percent)	Total <sup>2</sup> (percent)		
U.S. No. 1 .....	48.0	0.2	2.0	1.0	2.0	5.0	5.0
U.S. No. 2 .....	45.0	0.2	4.0	2.0	4.0	8.0	8.0
U.S. No. 3 .....	43.0	0.5	8.0	3.0	7.0	12.0	12.0
U.S. No. 4 .....	41.0	3.0	15.0	4.0	10.0	20.0	20.0

Grade	Minimum test weight per bushel (pounds)	Maximum limits of—					
		Damaged Kernels		Foreign material		Shrunken and broken kernels (percent)	Defects <sup>3</sup> (percent)
				Material other than wheat or rye (percent)	Total <sup>2</sup> (percent)		
		Heat damaged (percent)	Total <sup>1</sup> (percent)				

U.S. Sample grade—

U.S. Sample grade is triticales that:

- (a) Does not meet the requirements for the grades U.S. Nos. 1, 2, 3, or 4; or
- (b) Contains 8 or more stones or any number of stones which have an aggregate weight in excess of 0.2 percent of the sample weight, 2 or more pieces of glass, 3 or more crotalaria seeds (*Crotalaria* spp.), 2 or more castor beans (*Ricinus communis* L.), 4 or more particles of an unknown foreign substance(s) or a commonly recognized harmful or toxic substance(s), 2 or more rodent pellets, bird droppings, or equivalent quantity of other animal filth per 1½ to 1¼ quarts of triticales; or
- (c) Has a musty, sour, or commercially objectionable foreign odor (except smut or garlic odor); or
- (d) Is heating or otherwise of distinctly low quality.

<sup>1</sup> Includes heat-damaged kernels.

<sup>2</sup> Includes material other than wheat or rye.

<sup>3</sup> Defects include damaged kernels (total), foreign material (total) and shrunken and broken kernels. The sum of these three factors may not exceed the limit for defects for each numerical grade.

[52 FR 24418, June 30, 1987; 52 FR 28534, July 31, 1987]

#### SPECIAL GRADES AND SPECIAL GRADE REQUIREMENTS

##### § 810.2005 Special grades and special grade requirements.

(a) *Ergoty triticales*. Triticales that contains more than 0.10 percent of ergot.

(b) *Garlicky triticales*. Triticales that contains in a 1,000 gram portion more than six green garlic bulblets or an equivalent quantity of dry or partly dry bulblets.

(c) *Light garlicky triticales*. Triticales that contains in a 1,000 gram portion two or more, but not more than six, green garlic bulblets or an equivalent quantity of dry or partly dry bulblets.

(d) *Light smutty triticales*. Triticales that has an unmistakable odor of smut, or that contains in a 250 gram portion smut balls, portions of smut balls, or spores of smut in excess of a quantity equal to 14 smut balls, but not in excess of a quantity equal to 30 smut balls of average size.

(e) *Smutty triticales*. Triticales that contains in a 250 gram portion smut balls, portions of smut balls, or spores of smut in excess of a quantity equal to 30 smut balls of average size.

[52 FR 24418, June 30, 1987, as amended at 52 FR 24441, June 30, 1987]

#### Subpart M—United States Standards for Wheat

##### TERMS DEFINED

##### § 810.2201 Definition of wheat.

Grain that, before the removal of dockage, consists of 50 percent or more common wheat (*Triticum aestivum* L.), club wheat (*T. compactum* Host.), and durum wheat (*T. durum* Desf.) and not more than 10 percent of other grains for which standards have been established under the United States Grain Standards Act and that, after the removal of the dockage, contains 50 percent or more of whole kernels of one or more of these wheats.

##### § 810.2202 Definition of other terms.

(a) *Classes*. There are eight classes for wheat: Durum wheat, Hard Red Spring wheat, Hard Red Winter wheat, Soft Red Winter wheat, Hard White wheat, Soft White wheat, Unclassed wheat, and Mixed wheat.

(1) *Durum wheat*. All varieties of white (amber) durum wheat. This class is divided into the following three subclasses:

(i) *Hard Amber Durum wheat*. Durum wheat with 75 percent or more of hard and vitreous kernels of amber color.

(ii) *Amber Durum wheat*. Durum wheat with 60 percent or more but less than 75 percent of hard and vitreous kernels of amber color.